USER'S GUIDE

Applicable to the following remote(s):
All 1Way 4Button Remote

Remote	FCC ID Number (US Only)	IC ID Number (International Only)
1WAMR-Fiance	O44J1WAM4R	5532A-J1WAM4R
1WAMR-1600	O44JR1600	5532A-JR1600
1WAMR-1800	O44JR1800A433	7087A-R1800AM
1WAMR-1900	O44JR5120AMSH	7087A-R5120AM
1WAMR-762	VA5JR762A433	7087A-R762A433
1WAMR-763	VA5JR763AM433	7087A-R763A433
NU1000R	O44JR1700A433	7087A-R150A433
NU2000R	N/A	7087A-R150F433
1WFMR-Fiance	O44J1WFM4R	7087A-1WFM4R
1W900FMR	N99J1WPLL4R	5532A-J1WPLL4R
1W900FMR-Pro	VA5JR762F907	7087A-762F907
1W900SHR-961	VA5JR961AM	7087A-R961AM
1WSS-25	VA5JR762WSS	7087A-R762WSS
1WG5R-SS	VA5JR961-1WSS	7087A-R961WSS
VZ1WAMR-960	N/A	7087A-R960A433

This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions;
(1) This device may not cause harmful interference.
(2) This device may accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user' s authority to operate this device.

Compu 1W 4B all E+S (11.04)OK 2011.4.13 4:19 PM 페이지 3

Table Of Contents

Introduction 3

Warranty Coverage 3

Quick Reference 4

- Valet Mode 4
- Remote Maintenance – Battery Replacement 5
- 1 Way Remote Button Functions 5

General System Functions 7

- Active Lock/Arm and Unlock/Disarm 7
- Automatic Transmission Remote Start Function 7
- Manual Transmission Remote Start Function (Reservation Mode) 8
- Activating Reservation Mode 8
- Cancelling Reservation Mode 9
- Trunk Release 9
- Silent Arm/Disarm 9
- Shock Sensor On/Off 9

Advanced System Funcions 10

Remote Coding / Programming Routine(s) 10

- Programming 1Way 4Button Remotes 10

Remote Start Error Diagnostic 11

Alarm Diagnostic 12

Limited Lifetime Warranty 14

Introduction

Thank you for purchasing a Firstech system for your vehicle. In order to truly enjoy the benefits of this system, we recommend that you thoroughly review the following manual. Please note that this manual applies to the 1 Way-4 Button Non Liquid Crystal Display Remotes, regardless of whether you purchased the alarm only, starter only or alarm/starter combination. There are certain features listed in this manual that may not be available for your system. There may also be features listed in this manual that require additional installation or programming before they are active. If you have any questions, please contact the original place of purchase. For further information you may also contact our customer support center by calling 888-820-3690.

Warranty Coverage

⚠ Caution: The Manufacture's warranty will be voided if this product is installed by anyone other than an authorized Firstech dealer. For complete warranty details visit www.compustar.com or the last page of this manual. Firstech remotes carry a 1 year warranty from original date of purchase.

Warranty registration can be completed online by visiting www.compustar.com. Please complete the registration form within 10 days of purchase. We do not include a mail in warranty registration card with each unit. Registration must be done online. To verify that an authorized dealer installed your system, we highly recommend that you keep a copy of the original proof of purchase, such as the dealer invoice in a safe place.

Compu 1W 4B all E+S (11.04)OK 2011.4.13 4:19 PM 페이지 5

Quick Reference

Valet Mode

When servicing or loaning your vehicle to others, the system should be in Valet mode. Valet mode prevents the system from remote starting and disables all alarm functions.

IMPORTANT: While in Valet mode the remote will still control power lock and unlock systems. The parking lights will not flash.

The system can be put into valet one of three ways:

1. Turn the vehicle's key to the ignition "on" position and tap buttons (🔒/🔊 + 🚗) simultaneously for 0.5 seconds. The parking lights will flash once and/or siren chirp once to confirm the system is in valet mode. Repeat this process to take the system out of valet mode. The parking lights will flash twice and/or siren chirp once to confirm the system is out of valet mode.

2. If you don't have your remote control, you can put the system into valet by turning the ignition key "on" and then "off" five times within 7 seconds. The parking lights will flash once to confirm the system is in valet mode. Shortly after the first flash, the parking lights will flash twice. A remote control is required to take the system out of valet mode. IMPORTANT: If your system is set up for a secure valet option, you will not be able to put the system into valet until the proper code has been entered to the secure valet switch.

3. If your system is set up with the secure valet switch (optional), you will not be able to put the system into valet until the proper code has been entered to the secure valet switch. The secure valet switch is the small button with bright blue LED on the front and if installed is the only way to override the alarm and/or remote start. The default code is (3, 3).

Remote Maintenance–Battery Replacement

The only regular maintenance this system requires is remote control battery replacement. No programming is required when replacing the battery.

First, remove the small Phillips screw located on the back of the remote. Once the screw has been removed, gently pull the remote apart taking care to not damage the circuit board. 1 Way remote batteries differ among the models. Your battery size should be listed on the battery. Replacements can be purchased from your local Firstech dealer or an electronics store.

1 Way Remote Button Functions

Button	Duration	Additional Programming Required	Function / Description
🔒/🔊	0.5 seconds	no	Locks doors and/or arms alarm.
	3.5 seconds	no	Panic/vehicle locater (flashes vehicle's parking lights and sounds siren and horn).
🔓	0.5 seconds	no	Unlocks doors and/or disarms alarm.
🚗	0.5 seconds	no	Aux 1. Triggers the auxiliary 1 output (most commonly used for rear defrost or window roll-down)
	2.5 seconds	no	Trunk pop. Triggers the trunk release output and opens the vehicle's trunk.

Compu 1W 4B all E+S (11.04)OK 2011.4.13 4:19 PM 페이지 7

Button	Duration	Additional Programming Required	Function / Description
🔑/●	0.5 seconds	no	Aux 2. Triggers the auxiliary 2 output (most commonly used for rear defrost or window roll-down)
	2.5 seconds	no	Activates the remote start. Repeat and remote start will shut off.
(🔒/🔊 + 🔓)	0.5 seconds	no	Turns siren on/off (Note: With the siren off, it will still sound in the event the alarm is triggered)
(🔒/🔊 + 🚗)	0.5 seconds	no	Valet mode (see Valet Mode section for details)
	2.5 seconds	no	Turns the shock sensor on/off. (Alarm or Alarm/Starter systems only)
(🔒/🔊 + 🔑/●)	0.5 seconds	yes	Drive lock. Activates ignition controlled door locks.
(🔓 + 🚗)	0.5 seconds	no	Activates passive arming (vehicle will arm/lock 30 seconds after the vehicle is disarmed)
(🔓 + 🔑/●)	0.5 seconds	yes	Activates timer start mode. Timer start mode has multiple programmable settings: duration settings, temperature settings and self start settings.
(🚗 + 🔑/●)	0.5 seconds	yes	Activates the built in Turbo timer function. Additional installation is required when using this feature on automatic transmission vehicle's.
	2.5 seconds	no	Car Check (updates vehicle status on remote pager) / Secure Auxiliary

General System Functions

The remote transmitter functions have been predetermined and programmed from the factory. The four button configuration allows for many functions to be performed through a series of tapping, holding and / or multiple presses of buttons. Although Firstech remotes have numerous button functions and capabilities, please keep in mind that the most common functions are performed in one simple step. There are advanced features not described in this manual. Please go to www.compustar.com for more details.

Active Lock/Arm and Unlock/Disarm

Tap button 🔒/🔊 for 0.5 seconds to lock/arm and unlock/disarm. The LED will flash on your remote. If your vehicle is locked, tap button 🔓 to unlock; if your vehicle is unlocked, tap button 🔒/🔊 to lock.

IMPORTANT: If the alarm has been triggered (Siren is going off), you must wait up to 5 seconds before disarming the alarm - the first 🔓 button tap will shut off the alarm and the second will unlock/disarm the system.

Automatic Transmission Remote start Function

Press the 🔑/● button for 2.5 seconds to remote start an automatic transmission vehicle. If you are in range and if the vehicle is ready to remote start, the parking lights will flash once and/or siren chirp once to indicate that the remote start command has been successfully transmitted.

If you are in range and the parking lights flash and/or vehicle's siren chirps three times, there is a remote start error. Refer to the "remote start error diagnostic" at the end of this manual for details.

The remote start run time can be programmed for 3, 15, 25, or 45 minutes - ask your local Firstech dealer to adjust Option 2-7 if you would like a run time other than 15 minutes (default).

IMPORTANT: Your vehicle's key must be inserted into the ignition and turned to the "on" position prior to driving your vehicle. If the foot brake is depressed prior to the key being in the "on" position, the vehicle will shut off.

Compu 1W 4B all E+S (11.04)OK 2011.4.13 4:19 PM 페이지 9

General System Functions

Manual Transmission Remote Start Function (Reservation Mode)

In order to remote start a manual transmission vehicle, the system must first be set in Reservation Mode. Reservation Mode must be set each and every time you want to remote start a manual transmission vehicle. The purpose of Reservation Mode is to leave the transmission in neutral before exiting the vehicle.

IMPORANT

- The transmission must be left in the neutral position.
- The vehicles door pins must be in working order.
- Do not install this remote start on a manual transmission vehicle that has a convertible or removable top.
- The vehicles windows must be rolled up.
- Do not set reservation mode or remote start with people in the vehicle.

Activating Reservation Mode

STEP 1: While the vehicle is running, place the transmission in neutral, set the emergency / parking brake, and remove pressure from the foot brake.

STEP 2: Remove the key from the vehicle's ignition. The vehicle's engine should remain running even after the key has been removed. If the vehicle does not remain running make sure your system is not in Valet mode and then contact your local authorized dealer for service.

STEP 3: Exit the vehicle and close the door. The vehicle's engine should shut off within 10 seconds upon closing the last door. Most motors will shut off instantly upon closing the last door. If the vehicle's engine does not shut off, your door trigger may be functioning improperly. Do not use the remote start feature and take your vehicle to a local authorized dealer for service.

IMPORTANT: By default, the system will lock/arm the vehicle upon setting reservation mode. Take care to not lock your keys inside the vehicle.

Cancelling Reservation Mode

Reservation mode will be cancelled for the following reasons;

- You did not activate the parking brake prior to turning off the ignition.
- You released the parking brake after the key was removed from the ignition.
- You entered valet mode, opened the vehicles door, hood, trunk or set off the alarm.
- You pressed the foot brake after the key was removed from the ignition.

Trunk Release

Hold button for 2.5 seconds to release the trunk or hatch. If you are in range, the vehicle's parking lights will flash once and/or siren chirp once indicating that the trunk release command has been successfully transmitted.
IMPORTANT: Trunk release is an optional vehicle feature that may require additional parts and labor.

Silent Arm/Disarm

Upon lock/arm and unlock/disarm, you can eliminate vehicle's audible confirmation by muting the siren. Normally, the siren will chirp once to indicate the system is locked/armed and twice to indicate the system is unlocked/disarmed. To mute the siren tap buttons (+) simultaneously for 0.5 seconds.
IMPORTANT: Even when the siren is muted, it will still go off in the event the alarm is triggered.

Shock Sensor On/Off

Hold buttons (+) simultaneously for 2.5 seconds to turn the shock sensor on and off. The vehicle's parking lights will flash once and/or siren chirp once to confirm the shock sensor is on. The vehicle's parking lights will flash twice and/or siren chirp twice to confirm the shock sensor is off. IMPORTANT: Turning off the shock sensor also turns off the optional sensor(s).

The shock sensor does not recognize impact for 30 seconds after the system has been armed.

Compu 1W 4B all E+S (11.04)OK 2011.4.13 4:19 PM 페이지 11

Advanced System Functions

There are lots of advanced features available for your system. Please go to www.compustar.com for more details.

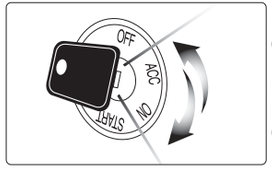
Remote Coding / Programming Routine (S)

IMPORTANT: Every Firstech remote must be coded to the system prior to performing any operations. All remotes must be coded at the same time.

Programming 1Way 4 Button Remotes:

STEP 1: Activate Valet/Programming mode by manually turning the ignition key on and off (between the Acc & On positions) five times within 7 seconds. The vehicle's parking lights will flash once with the successful completion of this step.

STEP 2: Within 2 seconds after cycling the ignition for the 5th time, press button (I) on 2 way remotes or the (lock) button on 1 way remotes for 0.5 seconds. The parking lights will flash once to confirm the transmitter has been coded.



Exiting Programming: Programming is a timed sequence. The parking lights will flash twice signaling the end of programming mode.

Programming Multiple Remotes: After the confirmation flash given in step 2, code additional remotes by pressing button (I) on 2 way remotes or the (lock) button on 1 way remotes. The parking lights will flash once confirming each additional remote. All systems (except the P2WSSR), can recognize up to three remotes.

Remote Start Error Diagnostic

If the remote start fails to start the vehicle, the parking lights will flash three times immediately. Following those three flashes the parking lights will flash again corresponding to the error table.

Number of Parking Light Flashes	Remote Start Error
1	Motor running
2	Key in ignition on position
3	Door open (manual transmission only)
4	Trunk open
5	Foot brake on
6	Hood open
7	Reservation off (manual transmission only)
8	Tach or voltage sensing failure

We recommend that you do not attempt any repairs on your remote starter. Contact your dealer or call us directly.

Compu 1W 4B all E+S (11.04)OK 2011.4.13 4:19 PM 페이지 13

Alarm Diagnostic

While the alarm is armed, the LED will blink slowly. While the siren is going off, the LED will indicate the specific zone that was triggered. Upon disarming the alarm after it has been triggered, the amount of siren chirps will indicate the specific zone.

Priority	Situation	LED On Duty	Number of Siren Chirps (If Installed)
1	Door/Hood/Trunk/Key Triggered	2 flash, rest, then repeat	6
2	2nd Shock Triggered	3 flash, rest, then repeat	5
3	Optional Sensor Triggered	4 flash, rest, then repeat	4
4	PANIC	5 flash , rest, then repeat	N / A

Limited Lifetime Warranty

Firstech, LLC Warrants to the original purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for the period of time that the original owner of this product owns the vehicle in which it is installed; except that the remote controller unit for the period of one year from the date of installation to the original owner of this product. When the original purchaser returns the product to the retail store where it was purchased or prepaid postal to Firstech, LLC., 21911 68th Avenue South, Kent, WA 98032, USA within the warranty period, and if the product is defective, Firstech, LLC, will at its option repair or replace such.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ANY AND ALL WARRANTIES ARE EXCLUDED BY THE MANUFACTURER AND EACH ENTITY PARTICIPATING IN THE STREAM OF COMMERCE THEREWITH. THIS EXCLUSION INCLUDES BUT IS NOT LIMITED TO, THE EXCLUSION OF ANY AND ALL WARRANTY OF MERCHANTABILITY AND/OR ANY AND ALL WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY AND ALL WARRANTY OF NON-INFRINGEMENT OR PATENTS, IN THE UNITED STATES OF AMERICA AND/OR ABROAD. NEITHER THE MANUFACTURER OF ANY ENTITIES CONNECTED THEREWITH SHALL BE RESPONSIBLE OR LIABLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE.

Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights, which vary State to State.

Firstech, LLC. is not RESPONSIBLE OR LIABLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE that may or may not resulted from the operation of Compustar, Compustar Pro, Arctic Start, Vizion, or NuStart. NOT WITH STANDING THE ABOVE, MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE.

Your Warranty

The product's warranty is automatically void if the date code or serial number is defaced, missing or altered. This warranty will not be valid unless you have completed the registration card at www.compustar.com within 10 days of purchase.

Compu 1W 4B all E+S (11.04)OK 2011.4.13 4:19 PM 페이지 15

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